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GROUP 1800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

HUNEIN F. MAASSAB et al.

Serial No.: 08/082,846

Group Art Unit: 1813

Filing Date: June 29, 1993

Examiner: A. Caputa

Title: COLD-ADAPTED INFLUENZA
VIRUS

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR § 1.97

The Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

The information listed below may be material to the examination of the above-identified application and is thus submitted in compliance with the applicant's duty of disclosure as set forth under 37 CFR § 1.56. Many of the references listed below are also cited throughout the specification as originally filed. Copies of the information and completed PTO-1449 forms are submitted herewith. The Examiner is respectfully requested to make this information of official record in the application. The information includes:

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Alexandrova, G.J. et al., "Obtaining of an additionally attenuated vaccinating cryophil influenza strain" Rev. Roum. D'Inframicrobiol. (1965) 2:179-189.

Schäfer, J.R. et al., "Origin of the pandemic 1957 H2 influenza A virus and the persistence of its possible progenitors in the avian reservoir" Virol. (1993) 194:781-788.

Chen, E.Y. et al., "Supercoil sequencing: A fast and simple method for sequencing plasmid DNA" DNA (1985) 4(2):165-170.

Edwards, K.M. et al., "A randomized controlled trial of cold-adapted and inactivated vaccines for the prevention of influenza A disease" (1993)

Chanock, R.M. et al., "Prospects for stabilization of attenuation" The Molecular Virology and Epidemiology of Influenza (1984) C.H. Stuart-Harris et al., eds., Academic Press, New York, pp. 237-256.

Ghendon, Y., "Vaccination against influenza viruses: Current status" Viral Vaccines (1990) Wiley-Liss, New York. pp. 159-201.

Herlocher, M.L. et al., "Molecular and biological changes in the cold-adapted 'master strain' A/AA/6/60 (H2N2) influenza virus" Proc. Natl. Acad. Sci. USA (1993) 90:6032-6036.

Luytjes, W. et al., "Amplification, expression, and packaging of a foreign gene by influenza virus" Cell (1989) 59:1107-1113.

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Macadam, A.J. et al., "Correlation of RNA secondary structure and attenuation of sabin vaccine strains of poliovirus in tissue culture" Virology (1992) 198:415-422.

Feng, S. et al., "HIV-1 tat trans-activation requires the loop sequence with tar" Nature 1988) 334:165-167.

Subbarao, E.K. et al., "Rescue of an influenza A virus wild-type PB2 gene and a mutant derivative bearing a site-specific temperature-sensitive and attenuating mutation" J. Virol. (1993) 67(12):7223-7228.

Herlocher, M.L. et al., "Origin of ts phenotype expression of cold-adapted influenza virus A/AA/6/60" Genetics and Pathogenicity of negative strand viruses (1989) D. Kolakofsky et al., eds., Elsevier, New York, pp. 387-401.

This Information Disclosure Statement is submitted before receipt of the first Office Action on Merits. Therefore, the applicants believe that no fee is due. However, the Commissioner is hereby authorized to charge any fees which may be required by this paper to Deposit Account Number 03-1952.

Applicants would appreciate the Examiner's initialling and returning the Form PTO-1449, indicating that the references have indeed been considered and made of record herein.

This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information

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material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

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